

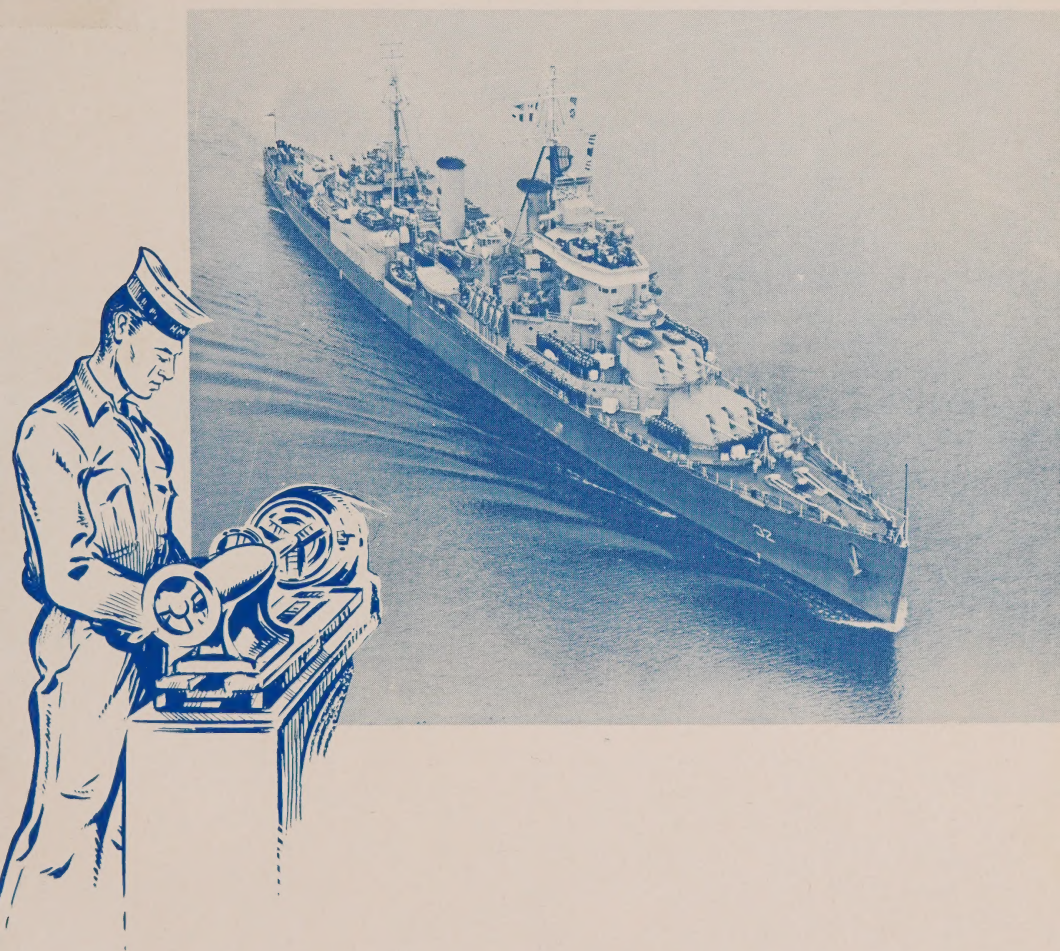
NAVY - ARMED FORCE

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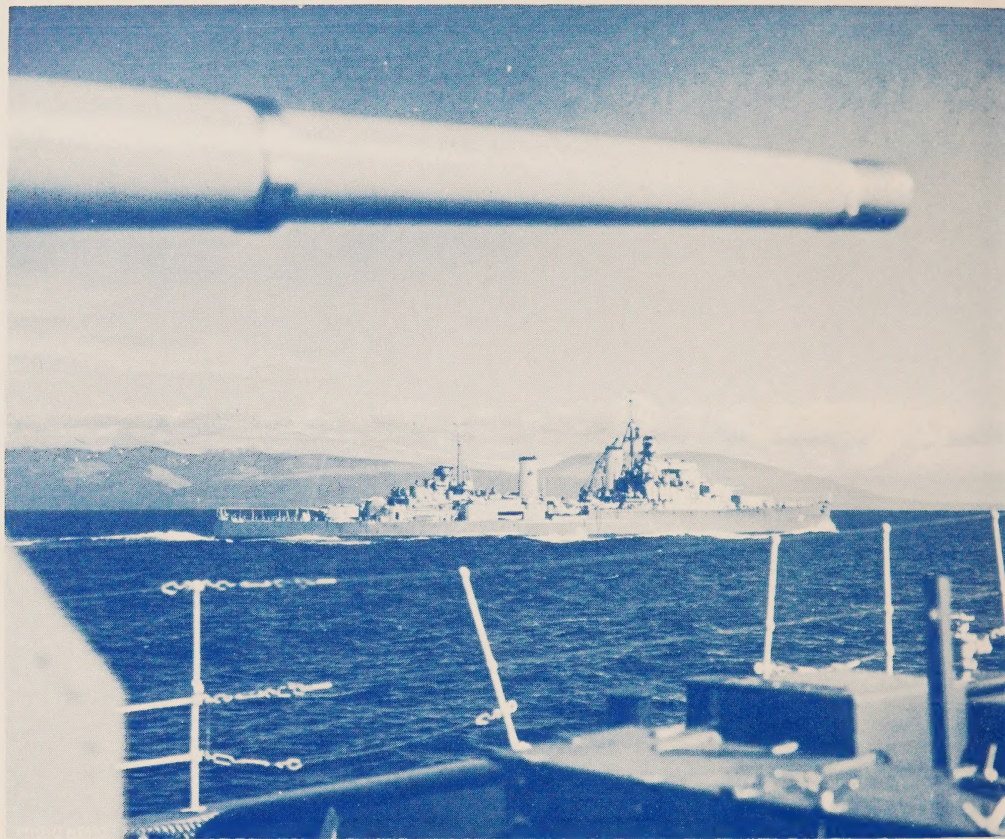
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technical apprenticeship training

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ROYAL CANADIAN NAVY




HMCS Ontario, a 9,000 ton cruiser framed under the guns of the destroyer HMCS Crescent.

THE ROYAL CANADIAN NAVY

The technical apprenticeship training plan as designed by the Royal Canadian Navy is open to suitable young Canadians between the ages of 16 and 19 years who have completed Grade X.

The plan offers to suitable applicants an opportunity to continue their education along technical lines specifically devised to provide them with a life-time career, together with benefits and privileges of service in the Navy.

Service to Canada — A Permanent Career
An opportunity to See the World.



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ROYAL CANADIAN NAVY

TECHNICAL APPRENTICESHIP TRAINING PLAN

APPRENTICE

Twice each year the Royal Canadian Navy offers a selected number of high school and technical high school students the opportunity to enrol for technical apprenticeship training in the following trades:—

- Engineering Artificer** —(Responsible for the operation and maintenance of ship's boilers and engines).
- Shipwright** —(Responsible for the maintenance of ships' hulls and structures).
- Electrical Technician**—(Responsible for the maintenance of ships' electrical equipment).
- Air Artificer** —(Responsible for the maintenance of aircraft engines and air frames).
- Armourer** —(Responsible for the maintenance of ships' armament).

QUALIFICATIONS:

Age: 16 to 19 years from January 1st or July 1st preceding enrolment. Apprentices under the age of 17 years will not serve in combat areas. The consent of parent or guardian is required for all applicants.

Education: Successful completion of Grade X by July 1st preceding enrolment.

Candidates are required to write pre-selection examinations. The first being a Preliminary Examination in General Science, English and Mathematics; the second part consists of a series of aptitude tests and selection board interviews.

Physical Standards: Candidates must meet the physical standards required by the Royal Canadian Navy.

Engagement Periods: Successful candidates are enrolled for an initial period of seven years. Subsequent re-engagements, for those men who wish to make the Royal Canadian Navy their career, will be for five-year periods.

TRAINING:

New Entry Training—Consists of an 18 week New Entry Training course in HMCS "Cornwallis" near Digby, N.S. Each entry of young men who are enrolled as Ordinary Seamen Apprentices will undergo their New Entry Training together as a complete class.

Technical Training—The total length of the apprenticeship course is 39 months, and is conducted aboard HMCS "Cape Breton", a 10,000 ton maintenance ship at Halifax. This ship, which is the Apprenticeship Training establishment, provides the Apprentices' living, workshop and classroom accommodation. The course is composed of the following:—

General shop training	24 months
Specialist Branch training ashore	6 months
Specialist Branch training afloat	6 months
Summary of training, final examination and trade testing	3 months

The Apprenticeship Course is designed to provide complete apprenticeship training in the trade for which the Apprentice is selected. Apprentices are engaged in ship maintenance work, such as engine repairs, hull repairs, etc., which require both the manufacture of new parts and the fitting and assembly processes. In addition to this practical training there is classroom training in shop theory, academic subjects, etc.

The training provides all apprentices, with the exception of those being trained as Shipwrights, with the skills of machinist and fitter, and the application of those skills to the particular requirements of the Technical Branches for which they are being trained. Shipwrights require less machine shop training than the others, therefore selections for this Branch will be made after the first 12 months. Apprentices being trained for the Shipwright Branch will, like the other Apprentices, complete the full 39-month training period.

During the first 24 months of training, the academic instruction is arranged to enable trainees to reach junior matriculation level in Mathematics and Physics.

Leave:

Thirty days leave annually, with travelling time, is granted.

Daily leave is governed by the Training Ship's routine. Daily leave is however, generally restricted to ensure that the disciplinary requirement for young men under training is accommodated, and also to ensure that certain evenings of each week are available for instruction.

Apprentices normally will not be granted overnight leave which would permit them to sleep out of the training ship.

Status:

Candidates are enrolled as Ordinary Seamen Apprentices and are promoted in accordance with RCN Apprentice Branch promotion regulations. Upon successful completion of the new entry training period and 39-month Apprenticeship Course, Leading Seamen Apprentices will be promoted to the rank of Petty Officer Second Class and transferred to the Branch for which they have been selected and trained. While serving in any one of the various Branches of the Royal Canadian Navy, they may qualify for further promotion up to the rank of Chief Petty Officer First Class. There is, of course, the opportunity for a man to gain promotion to Commissioned Rank in the Branch for which he has been trained.

PAY AND ALLOWANCES

Apprentices under the age of 17 years are paid at half the normal rate for Ordinary Seamen. Upon reaching 17 years of age they are paid the normal full rate for their rank.

Monthly Pay Rates—Basic

Ordinary Seaman (under 17 years)	\$ 46.00
Ordinary Seaman (17 years and over)	\$ 92.00
Able Seaman	\$107.00
Leading Seaman	\$127.00
Petty Officer Second Class	\$144.00
Petty Officer First Class	\$165.00
Chief Petty Officer Second Class	\$195.00
Chief Petty Officer First Class	\$224.00

Monthly Trades Pay Rates

Trade Group 1	\$10.00
Trade Group 2	\$25.00
Trade Group 3	\$45.00
Trade Group 4	\$60.00

Members of the Royal Canadian Navy pay income tax.

Examples of monthly pay rates and some of the allowances which personnel of the Royal Canadian Navy may earn are as follows:

A Petty Officer Second Class with Trade Group 3, who is married and not living in Service accommodation receives the following pay and allowances when promoted to that rank:

Basic Pay	\$144.00
Trades Pay	\$ 45.00
Marriage Allowance	\$ 30.00
Subsistence Allowance	\$ 91.00
Kit upkeep allowance	\$ 10.00
TOTAL	\$320.00

Naval aircraft maintenance
in the tropics

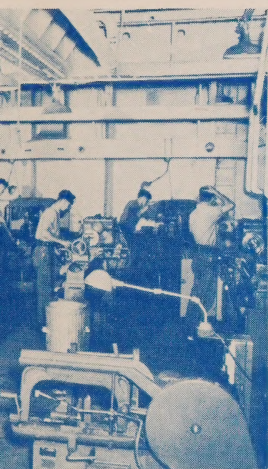


At work



Under instruction
in the ship carpentry shop

Apprentices at play.
Water polo teams
being prepared for action



machine ship



Apprentices in the foundry

A Chief Petty Officer First Class with Trade Group 4, who is married and not living in Service accommodation receives the following pay and allowances when first promoted to that rank:

Basic Pay	\$224.00
Trades Pay	\$ 60.00
Marriage Allowance	\$ 30.00
Subsistence Allowance	\$102.00
Kit upkeep allowance	\$ 10.00
TOTAL	\$426.00

Additional allowances such as Progressive Pay for the various periods of time in each rank, and Foreign Allowance have not been shown.

SYLLABUS OF APPRENTICESHIP TRAINING

First 12 Months—All Apprentices

Machine shop	25%	Foundry	2½%
Fitting shop	20%	Pattern shop	2½%
Diesel shop	5%	Mechanical drawing	5 %
Blacksmith shop	5%	Shop Theory	10 %
Welding shop	5%	Academic	10 %
Sheet metal shop	5%	Miscellaneous	5 %
(Study periods, etc.)			

12-24 Months—All Apprentices Excepting Shipwrights

Machine shop	30%	Diesel engine shop	10%
Fitting shop	15%	Mechanical drawing	10%
Ship Refitting	15%	Shop Theory	10%
		Academic	10%

12-24 Months—Shipwright Apprentices

Boatbuilding, cabinet making, ship carpentry	20%
Welding, plating, riveting, blacksmithing, sheet metal work	40%
Painting	5%
Mechanical drawing	10%
Plumbing	5%
Shop Theory	10%
Academic	10%

24-30 Months—Engineering Artificer Apprentices

Fitting shop (steam and diesel engines)	33·3%
Ship Refitting	33·3%
Marine Engineering (Classroom theory)	28·3%
Elementary Electricity	05·0%

30-36 Months—Engineering Artificer Apprentices

Marine Engineering Afloat	100%
(Operation and maintenance of marine engines and boilers)	

24-30 Months—Shipwright Apprentices

Ship fitting, woodworking, steel working, welding	66·6%
Inspection and testing of ships' watertight compartments	16·6%
Drydocking and underwater repair of ships	16·6%

30-36 Months—Shipwright Apprentices

Training afloat in ship carpentry, hull maintenance, etc.	100%
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24-30 Months—Electrical Technician Apprentices

Maintenance of ship and shore electrical power equipment, including alternating current—high power and low power equipment; direct current—high power and low power equipment	100%
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30-36 Months—Electrical Technician Apprentices

Training afloat in the maintenance of ship's high power and low power electrical equipment	100%
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24-30 Months—Air Artificer Apprentices

Maintenance of aircraft engines and air frames	100%
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30-36 Months—Air Artificer Apprentices

Training afloat in aircraft carriers—Maintenance of aircraft engines and air frames	100%
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24-30 Months—Armourer Apprentices

Maintenance of ships' armament, including underwater weapons and fire control equipment	100%
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30-36 Months—Armourer Apprentices

Training afloat—Maintenance of ships' arma- ment, including underwater weapons and fire control equipment	100%
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36-39 Months—All Apprentices

Summary of training—final examinations—trade testing.

The Preliminary Examination in General Science, English and Mathematics will be held semi annually during April and October of each year.

Applicants who wrote this examination and are selected for further tests will be invited to appear before a Selection Board during the January or July following the preliminary examination.

During the latter part of January or July, Naval Headquarters will make the final selection of the applicants who have completed all examinations and tests. Those applicants who are finally selected will be invited to appear before the Naval Recruiting Authorities for medical examination and enrolment in the Royal Canadian Navy, Regular Force.

Upon enrolment, Ordinary Seamen Apprentices will commence their New Entry Training in HMCS "Cornwallis". Upon completion of New Entry Training they will be granted leave, and will then commence the technical part of their apprenticeship training course.

If you are qualified by age and education, have obtained the consent of your parent or guardian and desire to be considered for enrolment in the Royal Canadian Navy, Regular Force, for a period of seven years continuing full time service commencing as an Ordinary Seaman Apprentice, you are advised to complete the Application Form which is attached and mail to: The Naval Secretary, Naval Headquarters, Ottawa, Ontario.

Your application Form should reach Naval Headquarters **"not later than 1st March"** or **1st September** of the year in which you wish to be considered for enrolment.

ROYAL CANADIAN NAVY

APPLICATION TO WRITE THE PRELIMINARY EXAMINATION TO DETERMINE SUITABILITY FOR TECHNICAL APPRENTICE- SHIP TRAINING IN THE ROYAL CANADIAN NAVY (REGULAR FORCE)

Please read the following notes and study the form before it is filled:

- (i) Completion of this form or writing the examination does not bind the applicant to enter the Service nor does it bind the Royal Canadian Navy to accept the applicant for enrolment.
- (ii) This form is to be completed in the applicant's handwriting.
- (iii) All questions must be answered. Write "NA" if not applicable.

Last school grade successfully completed was Grade Course taken

Name of present school

Present School Grade Present Course

I hereby make application to write the Preliminary Examination for selection for enrolment in the Royal Canadian Navy, Regular Force, under a seven year continuous service engagement commencing as an Ordinary Seaman Apprentice.

PERSONAL HISTORY

SURNAME FULL CHRISTIAN NAMES

TELEPHONE (Res.)

ADDRESS CITY PROVINCE

DATE OF BIRTH PLACE OF BIRTH

NATIONALITY Are you Canadian by birth or by Naturalization

..... Birthplace of Father Mother

What is your mother tongue

What other languages do you speak or write well

What is your weight Height Chest

Have you ever had fits Do you wear glasses

Do you suffer from any disease

Have you suffered any loss of fingers, toes, etc.

Have you any Physical Defects which may cause your rejection

.....
(Applicant's signature)

Date

P.T.O.

I hereby agree to permit (name) my *son/ward to write the Preliminary Examinations for Selection to be enrolled for Technical Apprenticeship Training in the Royal Canadian Navy (Regular Force).

I understand that this is not a formal application for my *son/ward to be enrolled in the Royal Canadian Navy. I understand that the completion of this form or writing the Preliminary Examination does not bind the applicant to enter the Royal Canadian Navy nor does it bind the Royal Canadian Navy to accept the applicant for enrolment.

.....
(Date)

.....
(Parent or Guardian's Signature)

* Strike out "son" or "ward" as the case may be.

IMPORTANT

Prior to 1st March or 1st September of the year in which you wish to be considered for enrolment mail to:

The Naval Secretary,
Naval Headquarters,
Ottawa, Ontario.

Additional Application Forms are obtainable through the RCN Recruiting Officer in each area; or, by applying to the Naval Secretary.



The Flag Officer Atlantic Coast inspecting the guard of honour, made up of apprentices, on the occasion of the commissioning HMCS Cape Breton the 10,000 ton maintenance ship which is the Apprentice Training Establishment at Halifax, N.S.



EDMOND CLOUTIER, C.M.G., O.A., D.S.P.
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